|                              | Index of Claims |               |          |          |    |                   |                |            |                      |              |          |        |         |               |                      |          |              |         |           |              |            |           | Reexamination . |                |        |   |         |           |           |   |  |  |  |
|------------------------------|-----------------|---------------|----------|----------|----|-------------------|----------------|------------|----------------------|--------------|----------|--------|---------|---------------|----------------------|----------|--------------|---------|-----------|--------------|------------|-----------|-----------------|----------------|--------|---|---------|-----------|-----------|---|--|--|--|
|                              |                 |               |          |          |    |                   |                |            |                      |              |          |        | 11      | 10/705,347    |                      |          |              |         |           |              |            |           |                 | LABELLE ET AL. |        |   |         |           |           |   |  |  |  |
|                              |                 |               |          |          |    |                   |                |            |                      |              |          |        | Γ       | Examiner      |                      |          |              |         |           |              |            |           | Art Unit        |                |        |   |         |           |           |   |  |  |  |
|                              |                 | Ш             | IWB      | Ш        |    | ШИ                |                |            |                      |              |          |        | ١,      | Kin-Chan Chen |                      |          |              |         |           |              |            |           | 1765            |                |        |   |         |           |           |   |  |  |  |
|                              |                 |               |          |          |    |                   |                |            |                      |              |          |        |         |               |                      |          |              |         |           |              |            |           |                 |                |        |   |         |           |           |   |  |  |  |
| ✓ Rejected — (Through numera |                 |               |          |          |    |                   |                |            | eral                 |              |          |        | No      | n-El          | -                    |          | Ì            | П       | Appeal    |              |            |           | 1               |                |        |   |         |           |           |   |  |  |  |
|                              | = Allowed       |               |          |          |    |                   |                | Ц          | Cancelle             |              |          |        |         |               | ן ני                 | N        |              |         | _         | -            |            |           | - Appear        |                |        |   | Į       |           |           |   |  |  |  |
|                              |                 |               |          |          |    |                   |                | Restricted |                      |              |          |        |         | j             |                      | , ]      | Interference |         |           | æ            |            |           | Objected        |                |        |   |         |           |           |   |  |  |  |
|                              |                 |               |          |          |    |                   |                |            |                      |              |          |        |         |               | L                    |          |              |         |           |              | ال         | Ш         |                 |                |        |   | J       |           | •         |   |  |  |  |
|                              | Claim Date      |               |          |          |    |                   | <u> </u>       |            | Claim                |              |          |        |         | ate           | 3                    |          |              | C       |           | alm          |            | Date      |                 |                |        |   |         |           |           |   |  |  |  |
|                              | -               | TE I          | 8/       | 北        | Z  |                   |                |            |                      | _            | 7        |        |         | П             |                      | I        |              |         | $ \cdot $ | Д            | ter        |           | ٦               | T              | Τ      | Т | Π       | П         | 7         |   |  |  |  |
|                              | Page            |               | V w 4    | 7.1      | 71 | 11                |                |            |                      | Fa           | Ortginal | Н      | 1       | l I           | 1                    | -        | 1            | 1       |           | Pag          | Ortginal   |           | ı               | 1              | ١      | ١ | 1       | П         | 1         |   |  |  |  |
|                              |                 | $\sim$        | IАЯ      | n Y      | 4  | 44                | 4              | Н          |                      |              | 51       | Н      |         | H             | $\sqcup$             | 4        | 4            | ╄       |           | _            |            | Н         | 4               | 4              | 1      | ┸ | 1       | Ц         | 4         |   |  |  |  |
|                              | -               |               | P        | 4        | +  | +                 | +              | Н          | - ∷                  | $\vdash$     | 52       | H      | +.      | H             | H                    | +        | ╅            | +       |           |              | 101        | Н         | ┥               | ╅              | ╁      | ╁ | ╁       | ╂┽        | ┥         |   |  |  |  |
|                              |                 | Z             | Ш        |          | 1  | $\Box$            |                |            | ∷                    |              | 53       |        |         |               |                      | _        |              |         |           |              | 183        |           |                 | 士              | 士      | İ | İ       |           | コ         |   |  |  |  |
|                              | $\mathbf{H}$    | 4             | Ш        | +        | +  | ┦┤                | 4              | Н          | -4∴                  | <u> </u>     | 54<br>55 | H      | +       | +             | Н                    | 4        | +            | 1       |           |              | 104        | $\square$ | 4               | 4              | Ţ      | Ţ | T       | П         | 4         |   |  |  |  |
|                              | $\vdash$        | 4             | Н        | 7        | ╅  | ╌                 | $\vdash$       | Н          | –િ                   | -            | 58       | H      | +       | ${}^{\dag}$   | H                    | ╅        | ╅            | +       |           |              | 98         | ╁         | ┪               | ┿              | ╬      | ┿ | ┿       | ₩         | ᅱ         |   |  |  |  |
|                              |                 | 1             |          |          |    |                   |                |            |                      |              | 57       |        |         |               |                      | コ        |              |         |           |              | 107        |           | 1               | 士              | 士      | 1 | t       | $\Box$    | _         |   |  |  |  |
|                              | <b>_</b>        | (4)           |          | 4        | 4  | 44                | 4              | Н          |                      |              | 58       | $\Box$ | 4       | Н             | Ц                    | 7        | _            | $\perp$ |           |              | 108        | Ц         | 4               | 4              | T      | T | $\perp$ | П         | $\exists$ |   |  |  |  |
|                              | $\vdash$        | A             |          | +        | ┿  | ╅┥                | ┝╁╴            | Н          | -₩                   | <del> </del> | 59<br>60 | Н      | ┿       | ╂┤            | $\vdash$             | ┥        | ┿            | +       | ä         |              | 109        | Н         | ┥               | +              | ╬      | ╁ | ╄       | ₩         | -1        |   |  |  |  |
|                              |                 | X             |          |          | 1  |                   |                | $\Box$     | _∷                   |              | 61       | П      | 士       | $\Box$        | $\Box$               | İ        | 1            |         |           |              | 111        | $\Box$    | ┪               | +              | ╅      | + | 1       | H         | 1         |   |  |  |  |
|                              |                 | Z,            |          | $\perp$  | 1  | $\Box$            | $\perp$        | Ц          | _:                   |              | 622      | $\Box$ | 4       | $\Box$        |                      | 4        | $\perp$      | $\Box$  |           |              | 112        |           | $\Box$          | ユ              | $\Box$ | T | I       | П         | コ         |   |  |  |  |
|                              | -               | 4             |          | ᆉ        | ┿  | ┰                 | $\vdash$       | Н          | -10                  | ├            | 63<br>64 | Н      | ┿       | ╁┤            | ⊢┼                   | ┽        | ╬            | ┿       |           |              | 113        |           | ┥               | +              | +      | ╄ | ╀       | H         | 4         |   |  |  |  |
|                              |                 | 8             |          |          | 1  |                   |                | П          | _:                   |              | 65       | Ħ      | 士       | П             | Ħ                    | 7        | +            |         |           |              | 115        |           | ┪               | 十              | ╅      | ╈ | ╁       | Ħ         | ┪         |   |  |  |  |
|                              |                 | 2             |          | Y        | 1  | $\perp$           |                | Ц          | $\exists$ $\circ$    |              | 68       | $\Box$ | 4       | $\perp$       |                      | $\dashv$ | 1            |         |           |              | 116        | П         |                 | $\Box$         | 1      | I | Т       | П         | 7         |   |  |  |  |
|                              | $\vdash$        | *             |          | H        | +  | ┽┥                | $\vdash\vdash$ | Н          | - ∷                  | <del> </del> | 68<br>68 | Н      | +-      | ╁┤            | ${oldsymbol{arphi}}$ | +        | ╬            | ┿       |           | _            | 117        | ╀         | ┥               | +              | +      | ╀ | ╀       | Н         | 4         |   |  |  |  |
|                              |                 | 19            | П        | V.       | 士  |                   |                | Ħ          | ⇉░                   |              | 89       |        | 士       |               | Ħ                    | _        |              |         |           |              | 119        | H         | ┪               | $\pm$          | +      | 十 | t       | H         | ᅱ         |   |  |  |  |
|                              |                 | 20            | Z        |          | 7  | щ                 |                |            | ⇉∷                   |              | 70       | П      | $\perp$ | $\perp$       | $\Box$               | 4        | $\bot$       |         |           |              | 120        | П         | $\Box$          | $\supset$      | T      | I | I       | П         | $\Box$    |   |  |  |  |
|                              |                 | 7 22          | Н        | -        | 4  | +                 | ₩              | Н          | -{:                  | ┢            | 71 72    | Н      | ┿       | H             | Н                    | ┥        | ┿            | ╁       |           |              | 121        | Н         | -               | +              | +      | + | ╀       | H         | -1        |   |  |  |  |
|                              |                 | 23            |          | $\Box$   | H  | Ħ                 |                | П          | <b>-</b> 10          |              | 73       | Н      | $\perp$ | $\Box$        | $\Box$               | ┪        | $\top$       | T       |           |              | 123        | H         | ┪               | +              | +      | ╅ | +       | H         | ᅥ         |   |  |  |  |
|                              |                 | 8             |          | $\Box$   | Щ  | $\perp$           | 1              | П          | 4                    |              | 74       | П      | $\perp$ | $\Box$        |                      | 4        | 1            | I       |           |              | 124        | П         | コ               | $\Box$         | I      | I | I       | П         | コ         |   |  |  |  |
|                              |                 | 25 28         | Н        | $\vdash$ | ₩  | ┾┤                | ┝╂╌            | Н          | -‡∷                  | ├            | 75<br>78 | Н      | ╁       | +             | H                    | ┥        | ╁            | ╂       | ä         | -            | 125<br>128 | ╀         | 4               | +              | +      | ╀ | ╀       | ┨┤        |           |   |  |  |  |
|                              |                 | 27            |          |          | 廿  |                   | H              | $\Box$     | ı di                 |              | 77       |        | 1       |               | $\Box$               | ╛        | 1            |         |           |              | 127        | ┪         | ┪               | +              | 十      | + | ╈       | H         | ┪         |   |  |  |  |
|                              |                 | 28 3          | Н        | $\Box$   | 41 | $\perp$           |                | $\Box$     | <b>-</b>             | <u> </u>     | 78       | П      | 4       | $\perp$       | $\Box$               | 4        | $\bot$       | L       |           |              | 128        |           | Į               | $\Box$         | Ţ      | T | I       | П         | $\Box$    |   |  |  |  |
|                              | -               | <del>29</del> | Н        | H        | ₩  | ╬┤                | Η              | Н          | -                    | ┢            | 79<br>80 | Н      | ┽       | ╀             | Н                    | ᆉ        | ╬            | ╁       | ×         | -            | 129<br>130 | H         | ┥               | +              | ╁      | ┿ | ╀       | ₩         | 4         |   |  |  |  |
|                              |                 | 31            |          |          | 廿  |                   |                | П          |                      |              | 81       | Ħ      | 士       | T             | $\Box$               | コ        | 士            |         |           |              | 131        | H         | 7               | 十              | +      | ╅ | ╁╴      | H         | ᅥ         |   |  |  |  |
|                              |                 | 32            | П        | $\Box$   | #  | $\perp$           | <b>—</b>       | П          | $\dashv$             | $\Box$       | 82       | П      | 4       | $\perp$       | $\Box$               | コ        | #            | $\perp$ |           |              | 132        |           | $\Box$          | $\Box$         | I      | I | I       | $\square$ | コ         |   |  |  |  |
|                              | -               | 33<br>34      | Н        |          | ₩  | <del>-</del> F-   | ⊢┼             | Н          | [⊹                   | ╊──          | 84       | Н      | +       | +             | Н                    | ┥        | +            | ╀       |           | _            | 133<br>134 | ╀┤        | 4               | +              | +      | + | ╀       | H         | $\dashv$  | • |  |  |  |
|                              |                 | 35            |          |          | Ì  | -                 |                | $\Box$     |                      |              | 85       | 口      | 土       | I             | $\Box$               |          | 士            | $\pm$   | ŀ         |              | 135        |           |                 | 十              | 十      | + | †       | H         | $\dashv$  |   |  |  |  |
|                              | <b>—</b>        | 38            |          | $\sqcup$ | 4  | -                 | Щ              | Н          | <b>—</b>             | 1            | 88       | Ц      | 7       | $\perp$       | П                    | 4        | 1            | $\perp$ |           |              | 136        |           | $\Box$          | $\supset$      | I      | I | I       | П         |           |   |  |  |  |
|                              | -               | 37            | Н        | H        | ╬  | +-                | ₩              | Н          | :                    | }—           | 87<br>83 | Н      | +       | +             | ╌                    | ┥        | +            | ╀       | ä         | _            | 137<br>138 |           | $\dashv$        | +              | +      | ┿ | ╀       | Н         | -         |   |  |  |  |
|                              |                 | 39            | Ħ        | 廿        | 士  |                   | 廿              | Ħ          |                      |              | 69       | 口      | 士       |               | Ħ                    | ╛        | 士            | $\pm$   |           |              | 139        |           | _               | _              | +      | 十 | 十       | ††        | 1         |   |  |  |  |
|                              |                 | 8             |          | П        | 7  | $oldsymbol{\Box}$ | $\Box$         | Д          |                      | 匚            | 90       | П      | 工       | Г             | П                    | コ        | 1            | 1       | :         |              | 140        |           |                 | ユ              | 1      | I | I       | $\Box$    | $\Box$    |   |  |  |  |
|                              | <b> </b>        | 41            | Н        | Н        | ╅  | +-                | ┝╋             | ╁┤         | H                    | <del> </del> | 91       | ┥      | +       | ╂             | ₩                    | -        | +            | +-      |           | -            | 141        | H         | _               | +              | +      | + | +       | ╁╌╂       | $\dashv$  |   |  |  |  |
|                              |                 | 43            |          | ㅂ        | 士  | Ï                 | 止              | Ħ          | ₫::                  |              | 83       | H      | $\pm$   | 1             |                      | _        | 士            | 士       |           |              | 143        |           | $\dashv$        | _              | +      | 十 | T       | ╆╅        | $\dashv$  |   |  |  |  |
|                              |                 | 44            | Г        | П        | 7  | Ţ                 | H              | $\Box$     | <b>—</b>             | 匚            | 94       | П      | 工       | T             | П                    | $\Box$   | $\bot$       | T       | ::        |              | 144        | 1         |                 | 1              | T      | Ţ | T       | $\Box$    |           |   |  |  |  |
|                              |                 | 45            | $\vdash$ | ╟╫       | +  | +                 | ╟╂╴            | Н          | -                    | 1—           | 95<br>96 | ℍ      | +       | ┿             | ⋳                    | -        | +            | ╁       |           | <del> </del> | 145        |           | 4               | +              | +      | + | +       | ╀┦        | 4         |   |  |  |  |
|                              |                 | 41            | Т        | H        | 十  | 1                 | $\vdash$       | H          | $\mathbf{H}^{\circ}$ | F            | 97       | H      | +       | +             | H                    | ┪        | ╅            | ╁       | [∴]       | _            | 147        |           | ٦               | $\dashv$       | ╅      | + | ╈       | ╅┪        | $\dashv$  |   |  |  |  |
|                              |                 |               |          |          |    |                   |                |            |                      |              |          |        |         |               |                      |          |              |         |           |              |            |           |                 |                |        |   |         |           |           |   |  |  |  |